10571476 mm/dd/yyyy>

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626KAS

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	DEC 01	ChemPort single article sales feature unavailable
NEWS 3	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 6	FEB 10	COMPENDEX reloaded and enhanced
NEWS 7	FEB 11	WTEXTILES reloaded and enhanced
NEWS 8	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS 9	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS 17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS 18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS 19	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS 20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS 21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 22	APR 07	STN is raising the limits on saved answers
NEWS 23	APR 24	CA/CAplus now has more comprehensive patent assignee information
NEWS 24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 25	APR 28	CAS patent authority coverage expanded

10571476 mm/dd/yyyy>

```
 NEWS 26  APR 28  ENCOMPLIT/ENCOMPLIT2 search fields enhanced
 NEWS 27  APR 28  Limits doubled for structure searching in CAS
                  REGISTRY
 NEWS 28  MAY 08  STN Express, Version 8.4, now available

 NEWS EXPRESS MAY 08 09 CURRENT WINDOWS VERSION IS V8.4,
              AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN customer
  agreement.  This agreement limits use to scientific research.  Use
  for software development or design, implementation of commercial
  gateways, or use of CAS and STN data in the building of commercial
  products is prohibited and may result in loss of user privileges
  and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:45:53 ON 09 MAY 2009

=> FILE CAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.22       0.22

FILE 'CAPLUS' ENTERED AT 15:46:07 ON 09 MAY 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 9 May 2009  VOL 150 ISS 20
FILE LAST UPDATED: 8 May 2009  (20090508/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Feb 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html
```

10571476 mm/dd/yyyy>

This file contains CAS Registry Numbers for easy and accurate

```
=> S CARBONATE AND (POLYMERIC(L)ALCOHOL)
         348365 CARBONATE
          74420 CARBONATES
         384593 CARBONATE
                  (CARBONATE OR CARBONATES)
         251957 POLYMERIC
             31 POLYMERICS
         251975 POLYMERIC
                  (POLYMERIC OR POLYMERICS)
         317960 ALCOHOL
         194187 ALCOHOLS
         473917 ALCOHOL
                  (ALCOHOL OR ALCOHOLS)
         635389 ALC
         203389 ALCS
         736921 ALC
                  (ALC OR ALCS)
         941718 ALCOHOL
                  (ALCOHOL OR ALC)
           8675 POLYMERIC(L)ALCOHOL
L1          368 CARBONATE AND (POLYMERIC(L)ALCOHOL)

=> S L1 AND (TWO(L)STAGE)
        2831860 TWO
             54 TWOS
        2831900 TWO
                  (TWO OR TWOS)
         490467 STAGE
         315931 STAGES
         724287 STAGE
                  (STAGE OR STAGES)
         118837 TWO(L)STAGE
L2             2 L1 AND (TWO(L)STAGE)

=> D IBIB ABS HITSTR TOT
```

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:620610 CAPLUS
DOCUMENT NUMBER: 139:292805
TITLE: Polymerization of maleic anhydride-modified plant oils with polyols
AUTHOR(S): Eren, Tarik; Kusefoglu, Selim H.; Wool, Richard
CORPORATE SOURCE: Department of Chemistry and Polymer Research Center, Bogazici University, Istanbul, 80815, Turk.
SOURCE: Journal of Applied Polymer Science (2003), 90(1), 197-202
CODEN: JAPNAB; ISSN: 0021-8995
PUBLISHER: John Wiley & Sons, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB In this study soybean oil triglycerides were reacted with maleic anhydride in an ene reaction to introduce more than two maleate residues per triglycerides. The maleated soybean oil (SOMA) was then polymerized with diols to the half-ester stage only. Two different types of alcs. was used in this work:. (1) Short-chain polyhydroxy linear or cyclic alcs. having 2, 3, 4, or 6 hydroxyl groups; and (2) long-chain dihydroxy alcs. The aim was to determine the effect of functionality and chain length by choosing alcs. with increasing number of hydroxyl groups and different chain lengths. The reaction of alcs. with anhydride functionalized soybean oil to give a polymeric half-ester is a reaction that proceeds without the formation of byproducts and is different from complete polyesterification of maleated oils, which are well known. To improve the reaction yields, different catalysts and different reaction conditions were examined The structural anal. of the products was done with 1H-NMR and IR spectroscopy. All of the new polymers obtained were resilient and soft rubbers at room temperature Castor oil polymer mixed with 60% CaCO3 and 12% cork powder gave a resilient and nontacky linoleum composition
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1992:512538 CAPLUS
DOCUMENT NUMBER: 117:112538
ORIGINAL REFERENCE NO.: 117:19655a,19658a
TITLE: Studies on the preparation and properties of conductive polymers. VI. Two-stage method to prepare metallized polymer films
AUTHOR(S): Yen, Chih Chao; Chang, Teh Chou
CORPORATE SOURCE: Dep. Chem. Eng., Chung Yuan Christian Univ., Chungli, 32023, Taiwan
SOURCE: Journal of Applied Polymer Science (1992), 45(11), 2057-60
CODEN: JAPNAB; ISSN: 0021-8995
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Conducting metalized polymer films were prepared via a) treating poly(vinyl alc.)-AgNO3 chelate films with doping agents and b) reduction of treated films by a NaBH4 aqueous solns. Good elec. conductivity and long-term film stability were obtained for these polymer systems. Crystal structure of the polymers was also studied by x-ray diffraction. The preparation of polyacrylonitrile-AgNO3 complex films was also studied.

10571476 mm/dd/yyyy>

=> LOGOFF
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.70	19.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.64	-1.64

STN INTERNATIONAL LOGOFF AT 15:49:16 ON 09 MAY 2009